

Cereals Fungicide Tech Sheet

Best Use Recommendations

Crops†	Recommended Timing
Wheat, Barley, Oats, Rye, Triticale	<p>Herbicide timing: (Feekes 2-3) For early season disease control</p> <p>Flag leaf: (Feekes 8-10) For foliar disease control</p> <p>Flowering: For optimal Fusarium head scab control and D.O.N. reduction apply at early flowering (Feekes 10.5.1) in wheat, and at full head emergence (Feekes 10.5) in barley. Can be effective when applied before or after this stage.</p>

Active Ingredients:

Metconazole – Group 3
Prothioconazole – Group 3

Formulation:

Emulsifiable concentrate (EC)

Product Packaging:

2 x 2.5 gallons
110 gallon

Storage:

Do not store below 10°F

Bulk Density:

8.71 lbs/gal

Crops	Diseases Controlled‡	Application Rate
Wheat, Barley, Oats, Rye, Triticale	<ul style="list-style-type: none"> Black point (kernel blight or smudge) [<i>Alternaria</i> spp., <i>Cochliobolus sativus</i>, <i>Helminthosporium</i> spp.] Powdery mildew (<i>Erysiphe graminis</i>) Rust (<i>Puccinia</i> spp.) Scald (<i>Rynchosporium secalis</i>) Septoria blotch, speckled leaf spot (<i>Septoria</i> spp.) Spot blotch (<i>Cochliobolus sativus</i>, <i>Bipolaris sorokiniana</i>) Stagonospora blotch (<i>Parastagonospora nodorum</i>) Tan spot (yellow leaf spot) [<i>Pyrenophora</i> spp.] 	<p>Early season 4-5 fl oz/A</p> <p>Flag leaf 5.5-7.3 fl oz/A</p>
	<ul style="list-style-type: none"> Head scab (head blight) [<i>Fusarium</i> spp.] 	<p>Wheat: Early Flowering Barley: Feekes 10.5 7.3 fl oz/A</p>

* See label for complete listing of labeled crops

† Not registered for use in California

‡ See label for complete listing of diseases controlled



Application Tips

Rainfast: When dry

REI: 12 hours

PHI: 30 days

Adjuvant: NIS at the lowest labeled rate may be added to improve spray coverage. **DO NOT** use adjuvants that contain MSO, COC or crop oil with emulsifier properties

Nozzle, droplet size: Flat fan, fine to medium. For head scab applications apply using forward and reverse facing nozzles.



To learn more about crop protection products from BASF, visit www.agproducts.basf.us

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We create chemistry

Tank Mixes and Additives

Sphaerex™ fungicide can be tank mixed with recommended fungicides, insecticides, herbicides, liquid fertilizers, biological control products, adjuvants, and additives. Under some conditions, the use of additives or adjuvants may improve the performance of Sphaerex fungicide. However, all varieties and cultivars have not been tested with possible tank mix combinations. Local conditions can also influence crop tolerance and may not match those under which BASF has conducted testing. Physical incompatibility, reduced disease control, or crop injury may result from mixing Sphaerex fungicide with other products. Therefore, before using any tank mix, test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of the application. Always follow the most restrictive label use directions. Consult a BASF representative or local agricultural authorities for more information on use of additives.

Mixing Order

1. **Water:** Begin by agitating a thoroughly clean sprayer tank $\frac{3}{4}$ full of clean water
2. **Agitation:** Maintain constant agitation throughout mixing and application
3. **Products in PVA bags**
4. **Water-dispersible products** (products such as dry flowables, wettable powders, suspension concentrates or suspo-emulsions)
5. **Water-soluble products**
6. **Emulsifiable concentrates** such as **Sphaerex fungicide** (or oil concentrates when applicable)
7. **Water-soluble additives** (such as ammonium sulfate [AMS] or urea ammonium nitrate [UAN] when applicable)
8. **Nutritionals**
9. **Remaining quantity of water**

Sphaerex™
Fungicide